

Artificial Neural Network (ANN) Market Key Players Analysis and Industry Growth with CAGR of 21.10% Forecast by 2029

[Artificial Neural Network \(ANN\) market](#) report is a thorough investigation of current scenario of the global market, which covers several market dynamics. Moreover, for the businesses, it is the most important to get knowhow of consumer's demands, preferences, attitudes and their changing tastes about the specific product which can be studied via this report. To get knowledge of all the above things, this market report is made transparent, wide-ranging and supreme in quality. Artificial Neural Network (ANN) market research report is prepared with the detailed market analysis performed by a team of industry experts, skilful analysts, dynamic forecasters, and knowledgeable researchers.

Data Bridge Market Research analyses that the artificial neural network (ANN) market was valued at USD 171.58 million in 2021 and is expected to reach the value of USD 793.63 million by 2029, at a CAGR of 21.10% during the forecast period of 2022-2029. In addition to the market insights such as market value, growth rate, market segments, geographical coverage, market players, and market scenario, the market report curated by the Data Bridge Market Research team includes in-depth expert analysis, import/export analysis, pricing analysis, production consumption analysis, and pestle analysis.

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Artificial Neural Network (ANN) market research report is mainly delivered to the users in the form of PDF or spreadsheet. However, PPT format can also be offered if the client has specified such requirement. The competitive landscape part of the report provides a clear insight into the market share analysis of key industry players. CAGR values for the market for an estimated forecast period of 2023 to 2029 are mentioned in the report which helps determine costing and investment values or strategies. By combining lot of efforts and leaving no stone unturned, this market report has been prepared. In addition, Artificial Neural Network (ANN) document also offers top to bottom assessment of the market as far as income and developing business sector is concerned.

Product definition

Artificial neural network (ANN) is a critical subset of machine learning that assists computer scientists with complex tasks such as strategizing, forecasting, and recognizing trends. Artificial neural networks are not like other machine learning [algorithms](#) that crunch numbers or organize data; instead, they learn from experience and repeated tasks performed by their users. A neural network is another name for an artificial neural network.

Some of the major players operating global Artificial Neural Network (ANN) market are

Neural Technologies Limited

- IBM Corporation (U.S.)
- nDimensional (U.S.)
- Alyuda Research, LLC. (U.S.)
- Microsoft (U.S.)
- SAP SE (Germany)
- Starmind (Switzerland)
- Afinity (Bermuda)
- Ward Systems Group, Inc. (U.S.)
- Google LLC (U.S.)
- NeuralWare (U.S.)
- Qualcomm Technologies, Inc. (U.S.)
- Intel Corporation (U.S.)
- Oracle (U.S.)
- Microsoft (U.S.)

Key Market Segments Covered in Artificial Neural Network (ANN) Market Industry Research

Type

- Feedback Artificial Neural Network
- Feedforward Artificial Neural Network
- Other

Component

- Solutions
- Platform/API
- Services

Application

- Image Recognition
- Signal Recognition
- [Data Mining](#)

Deployment type

- Cloud
- On-premise

Organization size

- Small and Medium-Sized Enterprises
- Large Enterprises

Industry

- Banking
- Financial Services

- Insurance
- Retail and Ecommerce
- Healthcare and Life Sciences
- Others

Artificial Neural Network (ANN) Market Regional Analysis/Insights

The artificial neural network (ANN) market is analysed and market size insights and trends are provided by country, type, component, application, deployment type, organization site and industry as referenced above.

The countries covered in the artificial neural network (ANN) market report are U.S., Canada and Mexico in North America, Germany, France, U.K., Netherlands, Switzerland, Belgium, Russia, Italy, Spain, Turkey, Rest of Europe in Europe, China, Japan, India, South Korea, Singapore, Malaysia, Australia, Thailand, Indonesia, Philippines, Rest of Asia-Pacific (APAC) in the Asia-Pacific (APAC), Saudi Arabia, U.A.E, South Africa, Egypt, Israel, Rest of Middle East and Africa (MEA) as a part of Middle East and Africa (MEA), Brazil, Argentina and Rest of South America as part of South America.

The North American market is expected to have the highest demand for artificial neural networks. The United States is expected to invest significantly in the synthetic intelligence sector. Rapid technological adoption in the aerospace and defence sectors is also expected to boost market demand in the coming years.

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Drivers

- **High penetration of predictive analysis**

Key ANN features such as predicting consumer behavior and sales forecasting are expected to drive the artificial neural network market during the forecast period. Rapid digitization is expected to accelerate the adoption of artificial neural network platforms. Furthermore, artificial neural networks are widely used in the field of predictive analytics. By recognizing trends from previous marketing campaigns, artificial neural networks assist marketers in predicting the outcome of a campaign. While neural networks have been around for a while, the recent rise of Big Data has made this technology extremely useful in the field of marketing.

- **High utilization from emerging and advanced economies**

Artificial neural networks in natural language processing, chatbots, drug discovery, and stock market prediction have made the technology more popular in both emerging and advanced economies. Deep learning and AI integration with the existing ANN solution will encourage leading companies to prioritize investments in neural network software and services. The IT & telecom sector will have a high demand for neural network software and services, owing to the increasing penetration of cloud computing solutions.

Furthermore, the growing popularity of PaaS, Security as a Service (SECaaS), and Function as a Service (FaaS) in the IT sector bodes well for leading companies seeking to accelerate neural network market growth. Furthermore, Convolutional Neural Network (CNN) has gained popularity in artificial intelligence (AI) applications such as natural language processing, text digitization, facial recognition, signal processing, and paranoia detection.

Opportunity

- **Aggressive strategies from market players**

Industry participants anticipate investing in organic and inorganic strategies to expand their market penetration into previously untapped areas. Leading companies could invest in mergers and acquisitions, research and development, product launches, and product rollouts as a result.

Restraints

- **Tracking difficulties**

However, the increasing difficulty in tracking the outcomes of in-process stages is a critical factor among others that will limit market growth, while extrapolation issues in ANN will be a drawback to the market during the forecast period mentioned above.

This artificial neural network (ANN) market report provides details of new recent developments, trade regulations, import-export analysis, production analysis, value chain optimization, market share, impact of domestic and localized market players, analyses opportunities in terms of emerging revenue pockets, changes in market regulations, strategic market growth analysis, market size, category market growths, application niches and dominance, product approvals, product launches, geographic expansions, technological innovations in the market. To gain more info on the artificial neural network (ANN) market contact Data Bridge Market Research for an Analyst Brief, our team will help you take an informed market decision to achieve market growth.

How does this Artificial Neural Network (ANN) Market Insights Help?

- [Global Artificial Neural Network \(ANN\) Market](#) share (regional, product, application, end-user) both in terms of volume and revenue along with CAGR
- The Key parameters which are driving this market and restraining its growth
- What all challenges manufacturers will face as well as new opportunities and threats faced by them
- To learn about the market strategies that are being adopted by your competitors and leading organizations
- To Increase insightful analyses of the market and have a comprehensive understanding of the “Artificial Neural Network (ANN) Market” and its commercial landscape

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Queries Resolved In This Report:

1. Which will be the specialties at which Artificial Neural Network (ANN) Market players profiling with intensive designs, financials, and furthermore, ongoing headways should set nearness?
2. Which will be the foreseen development rates for your own Artificial Neural Network (ANN) economy out and out and furthermore for each portion inside?
3. Which will be the Artificial Neural Network (ANN) application and sorts and estimate joined intently by makers?
4. Which will be the dangers which will attack growth?
5. The length of the global Artificial Neural Network (ANN) market opportunity?
6. How Artificial Neural Network (ANN) Market share advance vacillations their value from various assembling brands?

WHO SHOULD BUY THE GLOBAL ARTIFICIAL NEURAL NETWORK (ANN) REPORT?

People looking to enrich the decision-making capability by following points must buy the report:

1. Breakdown of market share of the top Artificial Neural Network (ANN) industry players
2. Evaluations of market share for the regional and country level sectors
3. Estimation of Artificial Neural Network (ANN) market for the forecast period of all the aforementioned classes, sub classes, and the domestic markets
4. Tactical recommendation for the newbies
5. Tactical recommendation in primary business industries based on the Artificial Neural Network (ANN) market forecast

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An absolute way to forecast what future holds is to comprehend the trend today!

Data Bridge Market Research set forth itself as an unconventional and neoteric Market research and consulting firm with unparalleled level of resilience and integrated approaches. We are determined to unearth the best market opportunities and foster efficient information for your business to thrive in the market. Data Bridge endeavours to provide appropriate solutions to the complex business challenges and initiates an effortless decision-making process. Data Bridge is an aftermath of sheer wisdom and experience which was formulated and framed in the year 2015 in Pune.

Data Bridge Market Research has over 500 analysts working in different industries. We have catered more than 40% of the fortune 500 companies globally and have a network of more than 5000+ clientele around the globe. Data Bridge adepts in creating satisfied clients who reckon upon our services and rely on our hard work with certitude. We are content with our glorious 99.9 % client satisfying rate.

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